

## Patent Abstracts of Japan

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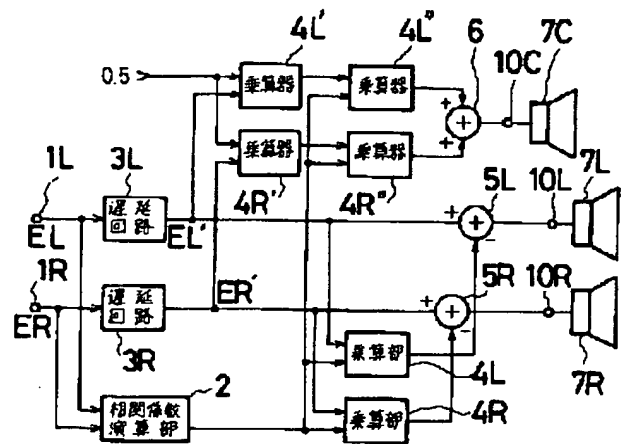
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TITLE : ACOUSTIC REPRODUCING DEVICE  
WITH THREE SPEAKERS



ABSTRACT : PURPOSE: To provide the configuration of the 3-speaker acoustic reproducing device in which an intermediate loss of sound image is avoided and a sufficient stereophonic sense is obtained.

CONSTITUTION: Left/right side signals EL, ER of an acoustic component signal are inputted to delay circuits 3L, 3R and a correlation coefficient arithmetic operation section 2. Outputs EL', ER' of the delay circuits 3L, 3R are multiplied with 0.5 and a correlation coefficient K at multipliers 4L'-4R'' and the result is added by an adder 6 and a median component signal EC'' is obtained and reproduced by a middle speaker 7C. Moreover, the EL, ER' are multiplied by the correlation coefficient K by multipliers 4L, 4R and the multiplication output is subtracted from the EL', ER' at subtractors 5L, 5R to obtain left and right side component signals EL'', ER'' and reproduced by left right side speakers 7L, 7R.

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